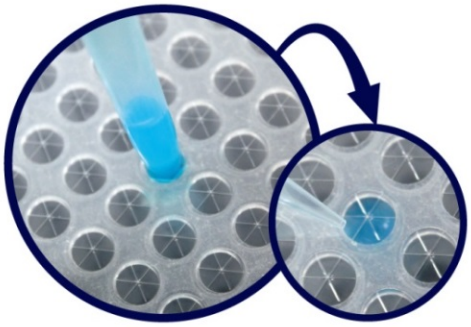
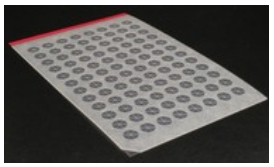
Plate Seals & 96-well Plates

Rapid Slit Seal

Rapid Slit Seal is a unique self-closing seal to minimize solvent evaporation and prevent needle clogging compared with conventional silicon mats.

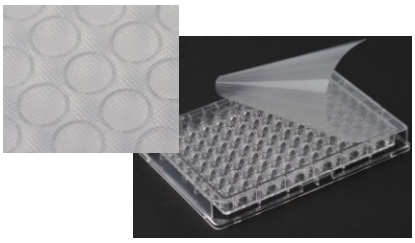
- Self-closing after dispensing
- Prevents needle clogging
- Easy to insert pipette tips
- Minimize solvent evaporation.
- No adhesive on well spots
- Working temperature range: -80°C to 37°C





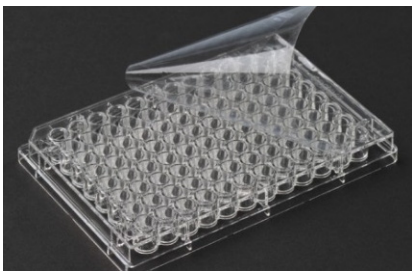
Rapid Easy Pierce Film

- Punctures easily to prevent needle clogging
- No adhesive residue left on plate or injector needle
- Highly resistant to organic solvents such as DMSO, acetonitrile and methanol
- Working temperature range: -80°C to 80°C



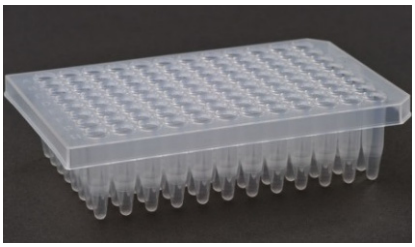
Rapid Clear Resistant Seal

- Superior light transmittance
- No autofluorescence at visible range
- Highly resistant to organic solvents such as DMSO
- Working temperature range: -80°C to 100°C



96-well Plate for Metabolic Stability Assay

- No inhibitors (No chelating agents) such as EDTA
- Excellent thermal distribution for each well
- Uniform temperature distribution between wells
- 600 µl capacity per well
- Alphanumeric labeling
- Working temperature range: -80°C to 130°C



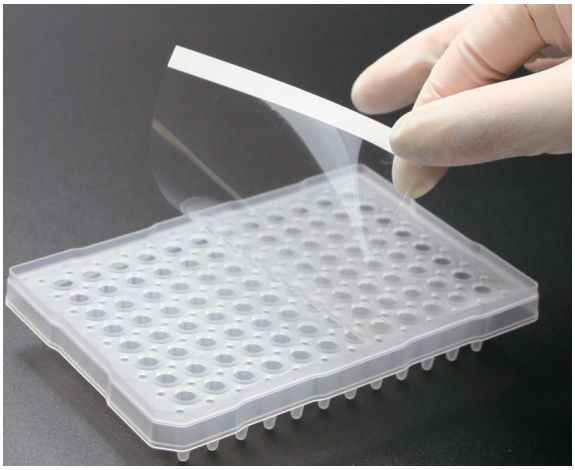
Ordering information

Product Name	Cat. No.	Quantity	Price (US$)
Rapid Slit Seal	R80.120.01	100 Sheets	390.00
Rapid Easy Pierce Film	R37.001.00	100 Sheets	165.00
Rapid Clear Resistant Seal	R80.200.00	100 Sheets	240.00
96-well Plate for Metabolic Stability Assay	R80.600.01	20 Plates	223.00

Sealing Film & Plates for PCR

Pressurized Film for Real-Time PCR

- Highly transparency for qPCR
- Highly resistant to DMSO
- DNase and RNase free
- Working temperature range: -80°C to 110°C
- Material: PET (polyethylene terephthalate)



Adhesive Film for Storage

- Sample can be preserved for one year at -20°C to 4°C
- DNase and RNase free
- Working temperature range: -80°C to 110°C
- Material: PET (polyethylene terephthalate)

96-well PCR Plate

- No difference in dimensions between lots
- Minimum morphological change by heat
- Maximized adhesive contact around the rim of wells.
- DNase and RNase free
- Alphanumeric labeling

Ordering information

Product Name	Cat. No.	Quantity	Price (US$)
Pressurized Film for Real-Time PCR	BR0.001.00	100 Sheets	132.00
Adhesive Film for Storage	BR0.002.00	100 Sheets	42.00
96-well PCR Plate	BR0.960.20	20 Plates	77.00
	BR0.960.10	100 Plates	354.00

Nacalai USA
Innovations for Life Sciences.

Low Protein Binding Plates & Microtubes

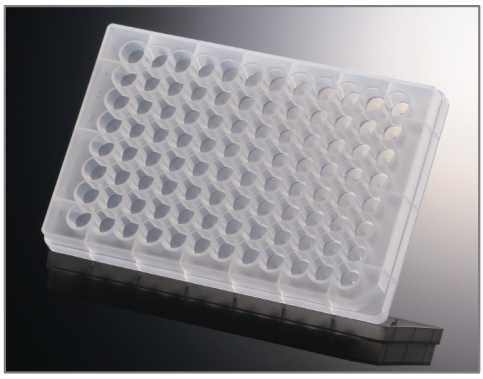
Our polypropylene labware, Microresico®, prevents protein binding, allows high fluid recovery, and will not elute additives into the sample. This differ from standard treatments that prevent protein binding. Other treatments create problems in recovering samples, and elute additives when exposed to organic solvents, which can lead to undesirable results.

Microresico® Features

- Low Protein Binding
- High Fluid Recovery
- Low Elution

Microresico® 96-well Plate

- 350 µl capacity per well
- V-shaped bottom
- Autoclavable (121°C for 20 min.)
- Alphanumeric labeling
- Dimensions: 86 x 128 x 14.4 mm

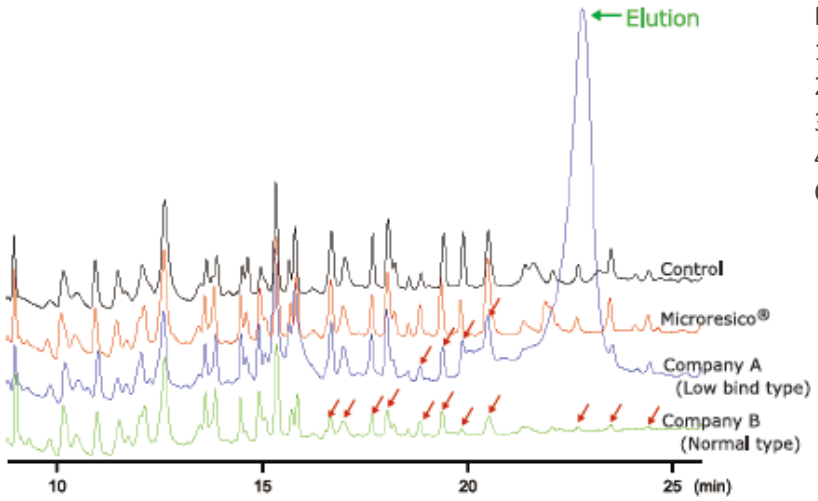


Microresico® Tubes

- 0.5 ml and 1.5 ml capacity
- Rated to 16,000 g
- Frosted flat cap for easy writing
- Autoclavable (121°C for 20 min.)

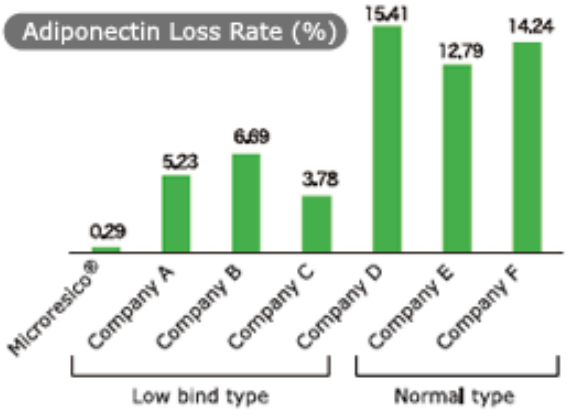
■ Low Protein Binding

Comparison data: Peptide Binding Analysis using HPLC



Method
1) Incubate each tube with Trypsin-digested BSA for 24h.
2) Collect and concentrate the unbound peptides.
3) Dissolve each concentrate with 0.1%TFA/H2O.
4) Analyze by Nano RP-HPLC.
Control: Trypsin-digested BSA diluted with 0.1TFA/H2O.

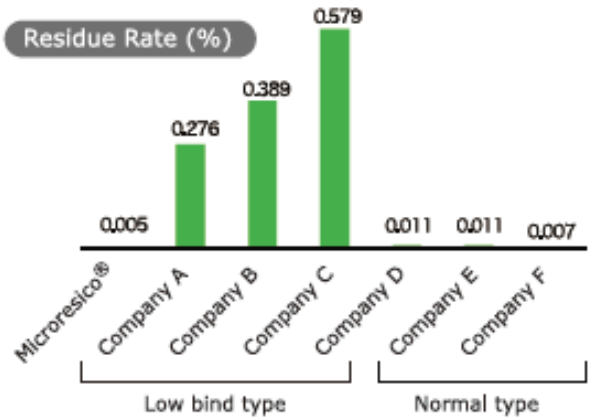
Comparison data: Protein Binding Analysis using ELISA



Method
1) Incubate each tube with Adiponectin (0.75ng/ml in PBS) for 3h.
2) Quantify the unbound Adiponectin by ELISA to determine loss rate.

■ High Fluid Recovery

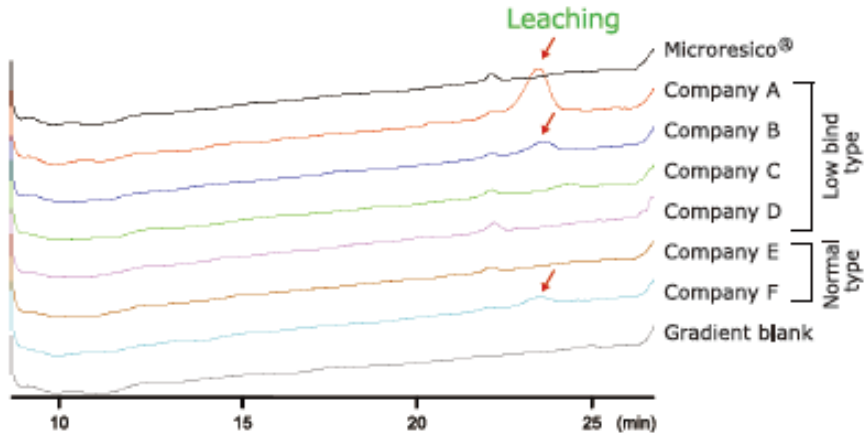
Comparison data: Fluid Recovery through Pipetting



Method
1)Incubate each tube with dye-solution (Bordeaux S) for 1h.
2)Remove the dye-solution from tube by pipetting, add 0.5ml distilled water to the tube, and analyze the absorption of the dye to determine the residual rate.

■ Low Elution

Comparison data: Elution Analysis using HPLC



Method
1) Incubate tubes with 50%MeCN/0.1%TFA for 24h.
2) Analyze by Nano RP-HPLC.

Ordering information

Product Name	Cat. No.	Quantity	Price (US$)
Microresico® 96-well Plate	RC9.201.80	40 Plates	248.00
Microresico® Tube (1.5 ml)	RC9.201.70	100 Tubes	21.00
Microresico® Tube (0.5 ml)	RC9.201.60	100 Tubes	21.00